

The rejection of the claims under 35 USC 112, second paragraph, is addressed by providing proper antecedents for the "desired 2x1 dimensional unit length-to-width ratio of said grids" which is "automatically maintained during [the] operation [on at least one] of the grids of the template data structure". Other minor editorial corrections are made to correct other antecedent definitions as necessary. No new matter is deemed to be added, as the added or amended recitations are well supported in the Specification.

The rejection of the claims under 35 USC 101, non-statutory subject matter, is addressed by reciting throughout the claims that the "template data structure is used for computerized generation of a display on a computer display device". No new matter is deemed to be added, as the added or amended recitations are well supported in the Specification.

The rejection of the claims under 35 USC 103 is addressed by defining in all main claims that "only grids of the desired 2x1 unit length-to-width ratio of dimensions are used to form all display components filling the entire display area of said template data structure". The advantage of this is stated in a whereby clause that "the grids forming all display components can be readily proportioned by the 2x1 dimensional unit ratio in the template data structure to fit together in whole numbers of dimensional units to fill the entire display area of the template data structure". No new matter is deemed to be added, as the added or amended recitations are well supported in the Specification. The amended recitations in the main claims highlights a central point the applicant has raised in response to all office actions, but which was not explicitly stated in the claims. Therefore, no new issues requiring further examination are deemed to be raised by these amendments.

The Examiner has in effect conceded that the prior art does not show using a template data structure to generate a display in which only grids of the desired 2x1 unit length-to-width ratio of dimensions are used to form all display components filling the entire display area of said template data structure. Nor is this approach in the present invention obvious from the cited references, since none of them recognizes or suggests this approach, and none of them recognizes or suggests this solution to a well known problem of conveniently sizing and fitting the display components of a

display area or the advantages of using only 2x1 grid proportioning throughout the entire display area.

Accordingly, Claims 1, 3-6, and 8-22 are now deemed to be in condition for allowance, and issuance of a notice of allowance therefor is respectfully requested.

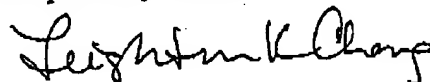
In the event the Examiner has any questions regarding this response or any further amendment that may be needed to render the claims in condition for allowance, he is urged to contact Applicant's attorney at the number indicated below.

This response is submitted within 2 months of the date of mailing of the Final Office Action. Therefore, any extension fee for response to an advisory action mailed after the 3-month shortened statutory period for response is to be calculated from the mailing date of the advisory action.

CERTIFICATE OF MAILING:

The undersigned certifies that the foregoing is being sent on July 22, 2004, by facsimile to the Examiner's designated fax number at (703) 872-9306, and mailed by depositing it with the U.S. Postal Service, first class postage paid, addressed to Mail Stop: Response -- After Final, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,



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CLAIMS AS PRESENTED AFTER AMENDMENT AFTER FINAL REJECTION

(Claim 1, currently amended)

1. A template data structure for computerized generation of [for the] a display of information on computer display devices, said template defining [having] a display area with a dimensional configuration of a height of approximately a first whole number of dimensional units and a width of approximately a second whole number of dimensional units, said template data structure comprising: a plurality of grids combined and arranged together to fill the entire display area of said template, each of said grids being dimensioned to have approximately a two dimensional unit by one dimensional unit configuration, wherein only grids of the desired 2x1 unit length-to-width ratio of dimensions are used to form all display components filling the entire display area of said template data structure, such that the grids forming all display components can be readily proportioned by the 2x1 dimensional unit ratio in the template data structure to fit together in whole numbers of dimensional units to fill the entire display area of the template data structure and the proportioning of said grids is automatically maintained during [the] operation [on at least one] of the grids of the template data structure to generate a resulting display on computer display devices.

[Claim 2, cancelled]

(Claim 3, currently amended)

3. The template data structure of claim 1, wherein at least one of said grids is further subdivided into two sub-grids each having an approximately one dimensional unit by one dimensional unit configuration.

(Claim 4, currently amended)

4. The template data structure of claim 1, wherein said template data structure is provided in a Web authoring program for generating pages for display with a browser program, said grids comprising frames in which information may be entered, through said authoring program

and displayed via said browser program.

(Claim 5, currently amended)

5. The template data structure of claim 1, wherein said template data structure is provided within a software program, said grids comprising frames in which information may be entered to and displayed via said software program.

(Claim 6, currently amended)

6. A system [of templates] using a template data structure for computerized generation of [for the] a display of information on a computer display device, [each] said template data structure defining [having] a display area with a dimensional configuration of a height of approximately a first whole number of dimensional units and a width of approximately a second whole number of dimensional units and being subdivided into a plurality of grids combined and arranged together to fill the entire display area of said template, wherein each of said grids has an approximately two dimensional unit by one dimensional unit configuration, and wherein only grids of the desired 2x1 unit length-to-width ratio of dimensions are used to form all display components filling the entire display area of said template data structure, such that the grids forming all display components can be readily proportioned by the 2x1 dimensional unit ratio in the template data structure to fit together in whole numbers of dimensional units to fill the entire display area of the template data structure [each of said templates in said system having a different arrangement of grids therein,] wherein the desired 2x1 dimensional unit length-to-width ratio of said grids is automatically maintained during [the] operation on [at least one of] the grids of the template data structure to generate a resulting display.

[Claim 7, cancelled]

(Claim 8, currently amended)

8. The template data structure system of claim 6, wherein at least one of said

grids is further subdivided into two sub-grids each having an approximately one dimensional unit by one dimensional unit configuration.

(Claim 9, currently amended)

9. The template data structure system of claim 6, wherein said system [of templates] using said template data structure is provided in a Web authoring program for generating pages for display with a browser program, said grids comprising frames in which information may be entered, through said authoring program and displayed via said browser program.

(Claim 10, currently amended)

10. The template data structure system of claim 6, wherein said system [of templates] using said template data structure is provided within a software program, said grids comprising frames in which information may be entered to and displayed via said software program.

(Claim 11, currently amended)

11. A method of arranging information, including text and graphic images, in a computerized display employing a template data structure having a display area with a dimensional configuration of a height of approximately a first whole number of dimensional units and a width of approximately a second whole number of dimensional units, said method comprising the step of [providing at least one] forming said template data structure subdivided into a plurality of grids combined and arranged together to fill the entire display area of said template, wherein each of said grids has an approximate two-by-one dimensional unit configuration, wherein only grids of the desired 2x1 unit length-to-width ratio of dimensions are used to form all display components filling the entire display area of said template data structure, such that the grids forming all display components can be readily proportioned by the 2x1 dimensional unit ratio in the template data structure to fit together in whole numbers of dimensional units to fill the entire display area of the template data structure, and wherein the desired 2x1 dimensional unit length-to-width ratio of said grids is automatically maintained during [the] operation [on at least one] of the grids of the template

data structure to generate a resulting display.

(Claim 12, currently amended)

12. The method of claim 11, further comprising the step of providing a plurality of template[s] data structures, each said template data structure having a different arrangement of grids of the desired 2x1 unit length-to-width ratio of dimensions that are used to form all display components filling the entire display area of said template data structure.

(Claim 13, currently amended)

13. The method of claim 11, further comprising the step of entering information into each of said grids such that said template data structure is used to display[s] different information in said grids.

(Claim 14, currently amended)

14. The method of claim 11, further comprising the step of [being provided for] employing said template data structure in a Web authoring program for generating pages for display with a browser program in which information may be entered through said authoring program and displayed via said browser program.

(Claim 15, currently amended)

15. A method for employing a template data structure for generating a computerized screen display of a given display area for displaying text and other information on a computer display device, said text information having at least two formats, at least one of said formats having a horizontal direction orientation and at least one of said formats having a vertical direction orientation, said method comprising:

creating a first screen display by dividing the area of the display defined by a first template data structure into a first plurality of grids which are combined and arranged together to fill the entire area of the display, each of said first plurality of grids being dimensioned to have

approximately a two dimensional unit by one dimensional unit configuration, wherein only grids of the desired 2x1 unit length-to-width ratio of dimensions are used to form all display components filling the entire display area of said template data structure, wherein the desired 2x1 dimensional unit length-to-width ratio of said grids is automatically maintained during [the] operation [on at least one] of the grids of the template data structure to generate a resulting display, at least one of said first plurality of grids displaying said text information formatted in said horizontal direction orientation, said at least one grid having a horizontal orientation corresponding to the orientation of said textual information format;

creating a second screen display by dividing the area of the display defined by a second template data structure into a second plurality of grids which are combined and arranged together to fill the entire area of the display, each of said second plurality of grids being dimensioned to have approximately a two dimensional unit by one dimensional unit configuration, wherein only grids of the desired 2x1 unit length-to-width ratio of dimensions are used to form all display components filling the entire display area of said template data structure, wherein the desired 2x1 dimensional unit length-to-width ratio of said grids is automatically maintained during [the] operation [on at least one] of the grids of the template data structure to generate a resulting display, each of said grids having a horizontal or vertical orientation, at least one of said second plurality of grids displaying said text information formatted in said vertical direction orientation, said at least one grid having a vertical orientation corresponding to the orientation of said textual information format;

selecting a first format for said text information from said at least two [formats] template data structures; and

displaying said screen display having textual information [corresponding to] entered in said selected [format] template data structure.

(Claim 16, original)

16. The method of claim 15, wherein at least one of said grids is further subdivided into two sub-grids each having an approximately one dimensional unit by one

dimensional unit configuration.

(Claim 17, currently amended)

17. The template data structure of claim 1, wherein said operation on the grids is selected from at least one of the following: repositioning, resizing, and reorienting.

(Claim 18, currently amended)

18. The template data structure of claim 1, wherein said template data structure is provided at the level of [the] an operating system of a computer, said grids comprising frames in which computer programs can be displayed.

(Claim 19, currently amended)

19. The template data structure system of claim 6, wherein said operation on the grids is selected from at least one of the following: repositioning, resizing, and reorienting.

(Claim 20, currently amended)

20. The template data structure system of claim 6, wherein wherein said template data structure is provided at the level of [the] an operating system of a computer, said grids comprising frames in which computer programs can be displayed.

(Claim 21, currently amended)

21. The method of claim 11, wherein said operation on the grids is selected from at least one of the following: repositioning, resizing, and reorienting.

(Claim 22, currently amended)

22. The method of claim 11, wherein wherein said template data structure is provided at the level of [the] an operating system of a computer, said grids comprising frames in which computer programs can be displayed.